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# SUMMER SCHOOLS IN 1918

By

THE STATISTICAL DIVISION OF THE  
BUREAU OF EDUCATION

[Advance sheets from the Biennial Survey of Education  
in the United States, 1916-1918]



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## SUMMER SCHOOLS IN 1918.

CONTENTS: Biennial report—Classification of summer schools—Number of schools—Instructors—Students—Length of term—Cost of maintaining summer schools—Courses accredited for degrees—Lecturers—Observation or practice schools—A comparison of enrollment in summer schools—Statistical tables.

### BIENNIAL REPORT.

After compiling educational statistics for 1916 the Bureau of Education adopted the plan of collecting statistics biennially instead of annually as in preceding years. Consequently, no special statistics on summer schools were collected for 1917. However, the number of students in such schools in 1917 is given in the Biennial Survey in the chapters on colleges, universities, and professional schools, and on normal schools, and are roughly comparable with the corresponding statistics for such institutions appearing herein.

### CLASSIFICATION OF SUMMER SCHOOLS.

It was thought advisable this year to divide the summer schools into two classes; one consisting of summer schools more or less closely identified with standard colleges, universities, and professional schools, and normal schools; the other made up very largely of independent summer schools and schools conducted by private high schools and academies and by institutions of higher rank, which do not offer a full collegiate or normal school course. This classification makes possible a comparison of the enrollment in summer schools of the first group, as summarized herein, with the enrollment in 1917, as given in the preceding chapters of the Biennial Survey on colleges, universities, and professional schools, and on normal schools. Consequently, by means of this classification, annual statistics on the enrollment in summer schools of colleges, universities, and normal schools are obtainable.

TABLE 1.—*Summer schools—Instructors, lecturers, students, and average cost, 1911-1918.*

	1911	1912	1913	1914	1915	1916	1918
Summer schools reporting.....	477	569	673	704	674	734	480
Instructors:							
Men.....	5,572	6,140	7,516	8,667	9,200	10,646	7,472
Women.....	2,477	3,166	4,206	4,829	5,327	6,954	4,198
Total.....	8,049	9,306	11,722	13,436	14,727	17,600	11,670
Lecturers:							
Men.....	1,371	1,426	1,517	1,773	1,961	1,899	1,331
Women.....	303	319	393	442	551	438	431
Total.....	1,674	1,745	1,910	2,215	2,512	2,337	1,762

TABLE 1.—Summer schools—Instructors, lecturers, students, and average cost, 1911-1918—Continued.

	1911	1912	1913	1914	1915	1916	1918
Lectures, recitals, etc., given....	2,939	3,122	4,201	4,104	4,905	4,747	3,568
Number of students enrolled:							
Men.....	38,140	46,657	62,625	77,455	86,581	107,955	33,445
Women.....	80,167	95,560	118,663	141,339	155,230	190,264	120,977
Total.....	118,307	142,217	181,288	218,794	241,811	298,219	160,422
Average cost per student.....	\$18.00	\$15.51	\$18.40	\$17.48	\$16.99	\$14.85	\$24.14
Institutions offering courses accredited for degrees.....	180	217	268	269	263	295	272

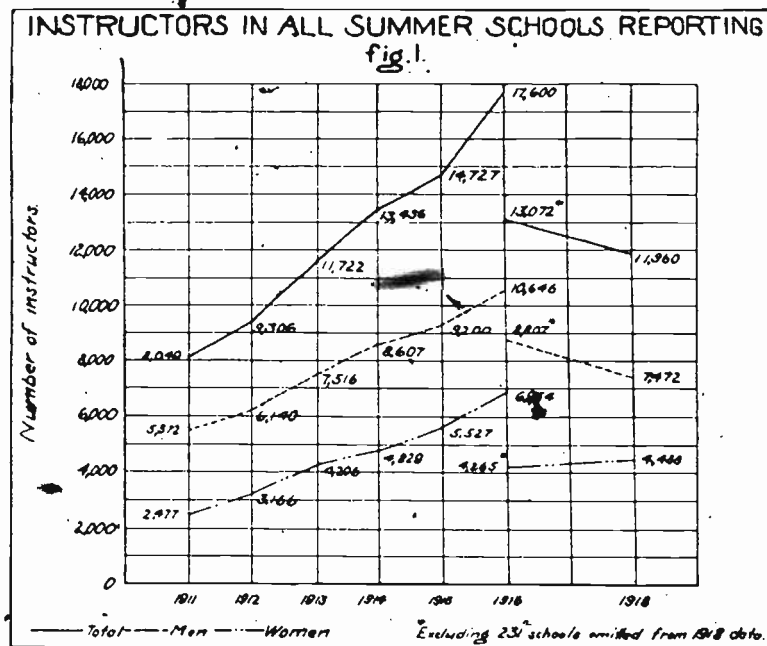
<sup>1</sup> Average cost in colleges, universities, and normal schools only is \$24.36.

#### NUMBER OF SCHOOLS.

Hitherto all types of summer schools have been included in this report. As many of these were more or less temporary in nature, comparative statistics of such a heterogeneous group of schools have limited application and are of doubtful value. Consequently, no attempt was made in 1918 to secure a report from Y. M. C. A. schools, from summer camps, from summer schools organized for the expressed purpose of preparing persons for examinations for teachers' certificates, from summer schools conducted by cities, or from special summer schools for training teachers of the deaf, blind, and feeble-minded. For the benefit of persons who desire to know the name, location, and date of session of such schools, this information will be included in each annual educational directory published by the Bureau of Education and will answer most inquiries satisfactorily. This change in the plan of collecting statistical data from summer schools has caused a noticeable variation from the corresponding statistics collected in preceding years. It is desirable therefore to point out by means of comparative tables and graphs the variation in certain fundamental data.

The total number of summer schools included in this report is 480. This number includes 358 schools conducted by the colleges, universities, and normal schools listed in Table 9, and 122 other summer schools listed in Table 10. The 358 schools of collegiate or normal school rank include 104 summer schools of standard universities, 119 schools of standard colleges, and 135 schools conducted by normal schools. Comparative data on the total number of schools reported in preceding years are given in Table 1. In 1916 the number of summer schools reporting was 734. Of this number, 231 schools were not asked to submit a report this year. The actual decrease, therefore, in the number of schools is only 23, which may be accounted for by the failure of certain schools to submit a report this year. In fact, it has been found extremely difficult to secure statistical reports, because of war conditions and the epidemic of Spanish influenza. It

has been assumed throughout the following discussion that the list of schools reporting this year has been as representative as in preceding years, barring the exclusions enumerated above.



#### INSTRUCTORS.

In the summer schools of colleges, universities, and normal schools, 10,564 instructors were reported, including 6,713 men and 3,851 women; and in the second group of summer schools 1,396 instructors were reported, including 759 men and 637 women. The total number of instructors in all summer schools reported in 1918 was 11,960, including 7,472 men and 4,488 women. Comparative statistics on the teaching staff in summer schools since 1911, the date when the Bureau of Education began systematically to collect reports on summer schools, are given in Table 1. Figure 1 shows graphically the increase or decrease in the teaching staff in summer schools since 1911. The upper curve represents the total number of instructors, and the lower curves the number of men and women composing the total.

To secure comparable data for 1916 and 1918 the number of instructors in the 231 schools not included in this year's report has been ascertained. The vertical distance between the corresponding disconnected lines in figure 1 represents this elimination. The supplementary points, indicated by "stars" on the graph, show the

teaching staff in all other schools reporting in 1916 and are directly comparable with the corresponding data for 1918, to which they are connected. The drop, therefore, in the two upper curves between 1916 and 1918 can not be attributed to the exclusion of certain schools from the report this year, but must indicate an actual decrease in the total teaching force and in the number of men instructors.

In these 231 schools included in the 1916 report, but eliminated from the 1918 report, 1,839 men and 2,689 women instructors were employed. If only the same type of schools as are included in this report had been included in the 1916 report, the statistics would have shown 8,807 men and 4,265 women instructors, instead of 10,646 and 6,954, respectively. Consequently, the report for 1918 shows a decrease of 1,335 men instructors and an increase of 223 women instructors in summer schools. This increase of 5 per cent in the number of women instructors and decrease of 15 per cent in the number of men instructors since 1916 has undoubtedly been caused by war conditions. On the whole there has been an actual decrease of 1,112, or 7.7 per cent, in the teaching staff in summer schools of the types included in this report.

#### STUDENTS.

The total number of students enrolled in summer schools in 1918 was 160,422, consisting of 33,445 men and 126,977 women. Of the total number reported, 90 per cent, or 144,686 students, were enrolled in summer schools of standard colleges, universities, and normal schools. Twenty per cent of the total collegiate or normal school enrollment, or 28,666 students, were men, and 80 per cent, or 116,020 students, were women. In the summer schools of other institutions 15,736 students were enrolled, of whom 4,779, or 30 per cent, were men, and 10,957, or 70 per cent, women. Comparative historical data on summer-school enrollment are shown in figure 2.

As in the case of the teaching staff, so in figure 2 supplementary points representing the enrollment in 1916 have been ascertained and are indicated by "stars" on the graph. These points are directly comparable to the corresponding points for 1918, to which they have been connected. The vertical distance between the corresponding disconnected lines in 1916 represents the elimination incident to the exclusion of certain schools from the report. The enrollment in 1916 in the 231 schools not included in the list this year was 39,608 men and 56,241 women. If these numbers are deducted from the total enrollment reported in 1916 in Table 1, remainders of 68,347 and 134,023 are obtained respectively for men and women. In other words, in corresponding types of schools reporting in 1916 and in 1918 there has been a decrease of 34,902 in the number of men students and of 7,046 in the number of women students enrolled. It



# SUMMER SCHOOLS IN 1918.

can be safely assumed that this decrease of 51 per cent in the number of men students and of 5 per cent in the enrollment of women students, or a combined decrease of 21 per cent, has been due to war conditions. A comparison with the percentages obtained above for the teaching staff shows that the student body has been more affected by war conditions than the instructing force, a fact which might have been anticipated.

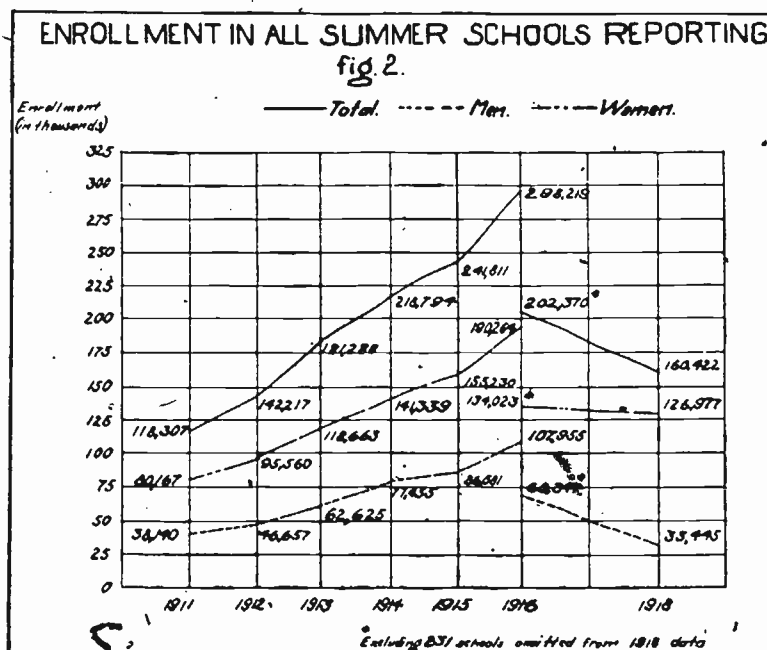


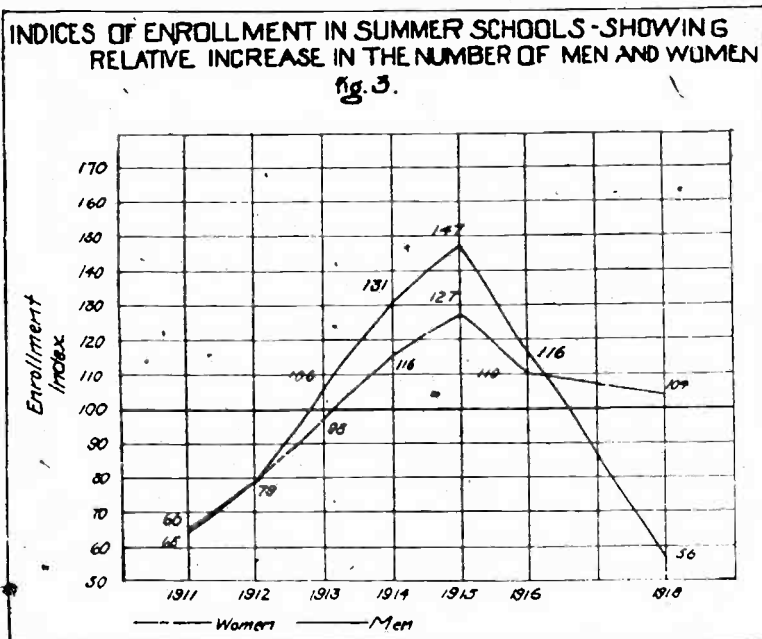
TABLE 2.—Derivation of index numbers used in figure 3.

Year.	Men enrolled in summer schools.	Women enrolled in summer schools.	Index number of male students. <sup>1</sup>	Index number of female students. <sup>2</sup>
1.	2.	3.	4.	5.
1911.....	38,140	80,167	65	66
1912.....	46,657	95,560	79	79
1913.....	59,625	118,663	106	98
1914.....	77,435	141,359	131	116
1915.....	86,581	155,230	147	127
1916.....	68,347	134,023	116	110
1918.....	33,945	126,977	56	104
Average.....	56,136	121,790	100	100

<sup>1</sup> Obtained by dividing each number in column 2 by the average.  
<sup>2</sup> Obtained by dividing each number in column 3 by the average.

Apparently from figure 2 there has been from 1911 to 1918 a greater proportional annual increase in the number of women students than in the number of men students. This graphic illusion is overcome

when the reader refers to figure '3, in which the enrollment has been reduced to indices.



To secure the indices used in the graph the enrollment for each year is divided by the average enrollment of men and of women, respectively. The indices for the male enrollment for the past seven years are plotted in the graph as the solid line and the corresponding indices for the female enrollment are plotted as the broken line. In general, a greater proportional rate of change is shown for the male enrollment than for female enrollment. From 1915 to 1918 the proportional rate of increase is greater for the female enrollment. It is safe to assume that fewer men in 1918 attended summer school on account of war conditions. This method of presentation does not measure the proportional rate of change but only shows that a variation exists. The graph warrants the conclusion that in general an increasingly larger number of men than women are attending summer schools. In other words, if the average summer school in 1913 enrolled 100 men and 100 women, in 1914 it might be assumed that possibly the same school would enroll 120 men and 110 women. An increasing number of institutions are offering summer courses accredited for degrees, as will be observed in figure 8, and many students enrolled during the regular terms are induced to remain for the summer term to shorten the time required for graduation. As a greater percentage of men than women are enrolled in collegiate courses, it



is a fairly correct inference that more regular men than women students will remain in the institution for summer school work, thereby tending to produce the result shown in figure 3.

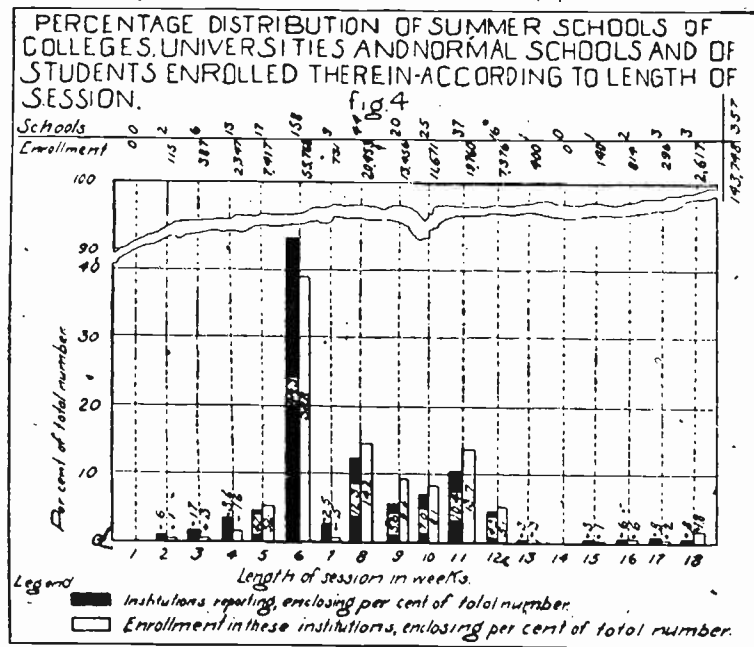
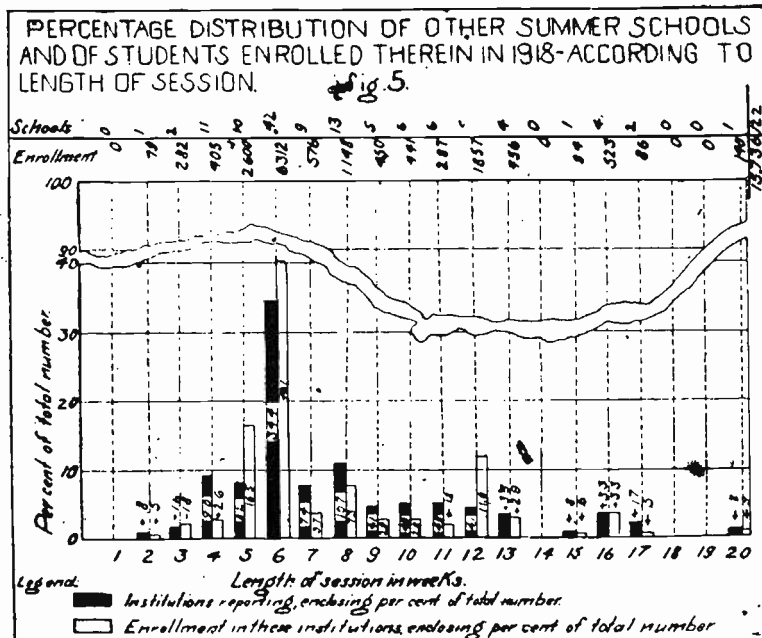


TABLE 3.—Distribution of enrollment in summer schools according to length of term in 1918.

Weeks in course.	Colleges, universities, and normal schools.				Other schools.			
	Schools reporting.	Per cent of total.	Students enrolled.	Per cent of total.	Schools reporting.	Per cent of total.	Students enrolled.	Per cent of total.
2.....	2	0.6	115	0.1	1	0.8	79	0.5
3.....	6	1.7	387	.3	2	1.6	282	1.8
4.....	13	3.6	2,347	1.6	11	9.0	405	2.9
5.....	17	4.7	7,417	5.2	10	8.2	2,600	18.5
6.....	158	47.3	55,828	38.8	42	34.4	6,312	44.1
7.....	9	2.5	731	.5	9	7.4	576	3.7
8.....	44	12.3	20,433	14.2	13	10.7	1,148	7.3
9.....	20	5.6	13,456	9.4	5	4.1	450	2.9
10.....	25	7.0	11,671	8.1	6	4.9	441	2.8
11.....	37	10.4	19,760	13.7	6	4.9	287	1.8
12.....	16	4.5	7,376	5.1	5	4.1	1,857	11.8
13.....	1	.3	400	.3	4	3.3	456	2.9
14.....	0				0			
15.....	1	.3	140	.1	1	.8	94	.6
16.....	2	.6	814	.6	4	3.3	523	3.3
17.....	3	.8	206	.2	2	1.7	86	.5
18.....	3	.8	2,617	1.8	0			
19.....	0				0			
20.....	0				1	.8	140	.9
Total.....	337	100.0	143,808	100.0	122	100.0	15,736	100.0



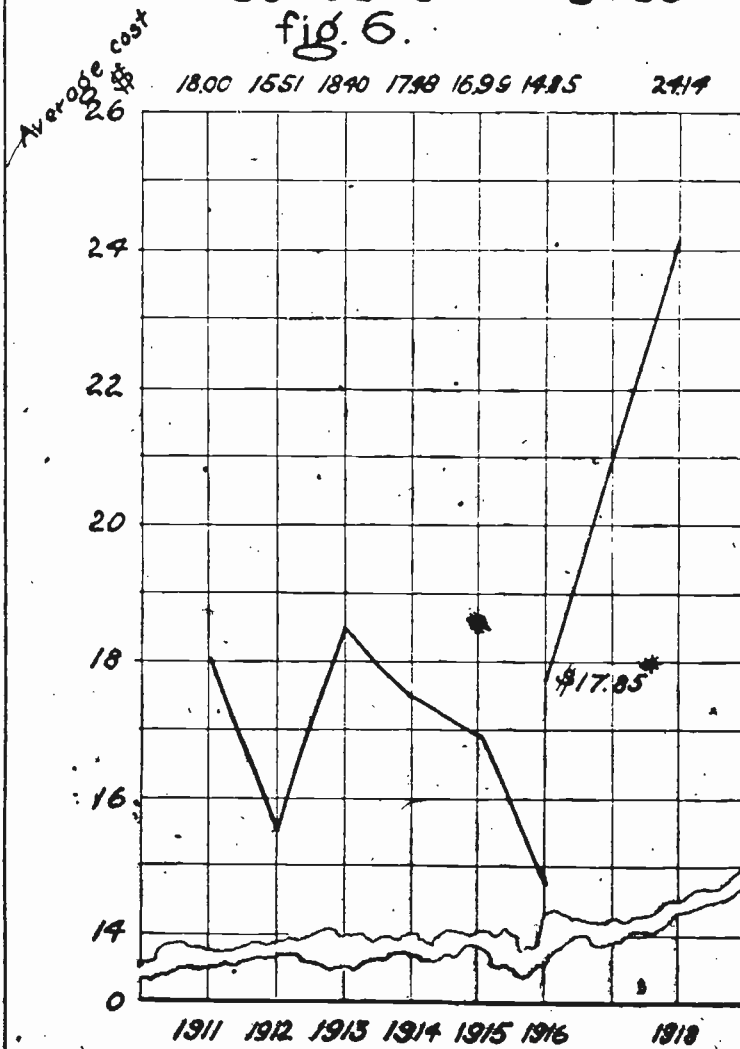
#### LENGTH OF TERM.

The average length of session of all summer schools reported in 1918, was 7.6 weeks. This average, however, is not especially significant, since not a single summer school had a session of exactly this period. In fact, only 18 summer schools had a session of 7 weeks. By reference to figures 4 and 5, it is noted that the most common type of summer school is the one having a session of 6 weeks. Of the total number, 158 colleges, universities, and normals, or 44.3 per cent, held a session of 6 weeks, and 42 other summer schools, or 34.4 per cent of the total number, held a session for the same length of time. In other words, 200 schools out of a total of 480, or 42 per cent, held a session of 6 weeks.

It will be observed especially in figure 4 that a fairly large group of schools hold sessions of 8, 9, 10, or 11 weeks. Altogether, 126 colleges, universities, and normal schools fall in this group. In all probability the tendency in such institutions is to maintain a longer term than 6 weeks. Future comparative studies of the summer schools of these institutions will verify or refute this assumption. Another significant fact portrayed in figure 4 is that, while 44.3 per cent of such schools maintain a 6 weeks term, they enroll only 38.8 per cent of the students; and that, while the institutions maintaining sessions of 8, 9, 10, or 11 weeks constitute 35.3 per cent of the total number, they enroll 45.4 per cent of the students. This fact

may be taken to indicate a tendency on the part of students to seek schools maintaining the longer term. This conclusion seems to apply only to summer schools or colleges, universities, and normal schools, as the converse is true of other summer schools offering work below col-

### AVERAGE COST OF CONDUCTING SUMMER SCHOOLS PER STUDENT fig. 6.

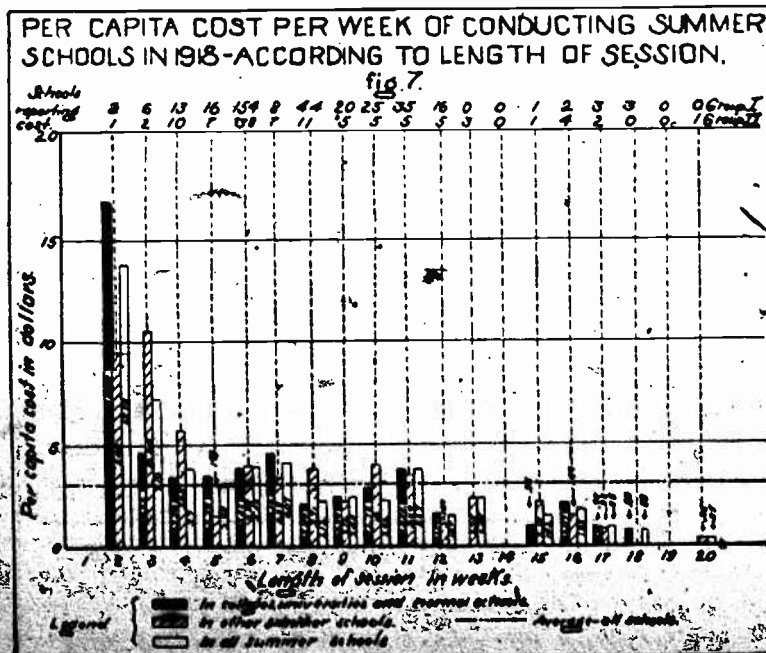


legiate grade, as is shown in figure 5, where 34.4 per cent of the 6 weeks' schools enroll 40.1 per cent of the total number of students, while 24.6 per cent of the schools running 8, 9, 10, or 11 weeks enroll only 14.8 per cent of the students. It is evident, therefore, that there is a tendency for students to attend a longer summer term if the work offered therein is accredited on a degree or counts toward graduation. Whether these conditions are characteristic of these institutions during the regular year's work has not been ascertained and is not germane to the discussion. The conclusion that students attend summer schools to shorten the period required for graduation is warranted.

It may be pointed out that the institutions in figures 4 and 5 falling at the extremes of each graph are extraordinary. Those offering a very short course are more like institutes than summer schools, while those maintaining a very long term either hold two or more sessions or begin the special summer term very early in the spring, usually to accommodate teachers who seek admission to a summer school as soon as their school term is ended.

#### COST OF MAINTAINING SUMMER SCHOOLS.

Figure 6 shows the variation in average cost for a period of years. It will be noticed that the average cost per student of conducting summer schools in 1918 was \$24.14. This is a decided increase over



the average cost in 1916, which was only \$14.85. This apparent discrepancy is partly explained by the fact that so many special independent teacher-training schools, in which the cost of maintenance is extremely low, have not been included in the report this year. In 1916, 187 schools included in the 231 schools from which a report was not sought this year reported an enrollment of 74,225 students and a total aggregate cost of \$546,366. The per capita cost of maintenance, therefore, was only \$7.36. As the per capita cost for all summer schools in 1916 was \$14.85, the per capita cost of maintenance in the 187 schools eliminated was only about one-half as much as the cost in all schools reporting at that time. If the 187 schools had been excluded from the 1916 report, the per capita cost would have been \$17.85. This average cost is directly comparable with the average cost for 1918 and has been so indicated on the graph. The increased per capita cost, therefore, for maintaining summer schools since 1916 has been 35 per cent.

Here again, the *average* does not tell the whole story, inasmuch as no account has been taken of the increase or decrease of the length of term of summer sessions. Evidently the per capita cost of maintaining a group of schools for 7 weeks will be greater than for 6 weeks. For this reason it is necessary to compute the per capita cost per week.

In Table 4 the schools reporting cost of maintenance have been grouped according to the length of the session held. In the collegiate and normal school group the per capita cost per week varies from \$16.73 in schools maintained for 2 weeks to \$0.89 in schools maintained for 18 weeks. In other summer schools the per capita cost ranges from \$10.64 in schools running for 2 weeks to \$0.35 in a school maintained for 20 weeks. In general, the longer the term the less the per capita cost of maintenance. This statement is made clearer by reference to figure 7, in which a gradual decrease in cost is shown from left to right. The per capita cost per week in the largest groups of colleges, universities, and normal schools, viz, in schools running for 6, 8, 9, 10, and 11 weeks is less in schools maintained for 8, 9, and 10 weeks. The per capita costs reported for schools maintained for a very short or for a very long term are unusual and are not characteristic of the group as a whole. The extreme variation from the usual cost of summer schools is brought out clearly in figure 7, in which the per capita cost per week is given for colleges, universities, and normal schools, for other summer schools below collegiate rank, and for both classes combined. It may be added that 454 summer schools, out of a total of 480, reported the estimated cost of maintenance. In other words, 95 per cent of all summer schools reported cost. In these schools over 97 per cent of the total enrollment is represented.



TABLE 4.—Per capita cost per week of conducting summer schools in 1918.

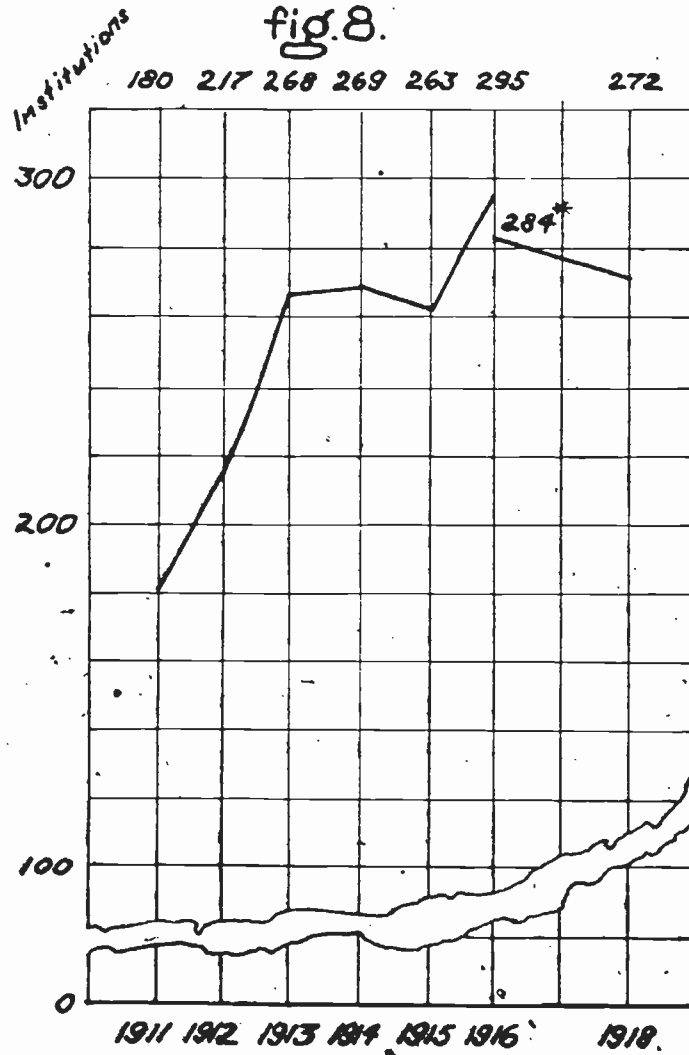
Term, in weeks.	Colleges, universities, and normal schools.						Other schools.						All summer schools reporting cost.					
	Schools reporting cost.	Students.	Cost.	Enroll-ment, weeks.	Per capita cost per week.	Schools reporting cost.	Students.	Cost.	Enroll-ment, weeks.	Per capita cost per week.	Schools reporting cost.	Students.	Cost.	Enroll-ment, weeks.	Per capita cost per week.	Schools reporting cost.	Students.	Cost.
2	2	115	\$3,848	230	\$16.73	1	79	\$1,500	158	\$9.49	3	194	\$5,348	388	\$13.78			
3	6	287	5,250	1,101	4.32	2	282	9,000	1,846	10.64	8	994	14,250	2,007	7.10			
4	12	2,347	81,012	9,388	8.36	10	396	9,004	1,394	5.68	23	2,743	40,616	10,972	3.70			
5	16	7,357	124,668	36,783	3.39	7	1,967	14,656	9,833	1.49	23	9,324	139,244	46,020	2.99			
6	164	64,916	1,275,221	329,090	3.87	38	6,166	148,824	36,993	3.89	192	61,081	1,419,455	869,489	3.88			
7	8	20,721	23,094	5,047	4.56	17	1,055	32,365	8,520	3.71	15	1,243	35,418	8,701	4.07			
8	44	20,453	353,145	133,024	2.64	11	1,065	32,365	8,520	3.71	25	21,518	366,710	172,114	2.42			
9	20	11,452	353,145	133,024	2.64	5	410	18,900	4,130	4.59	30	12,064	341,096	120,840	2.82			
10	20	11,671	324,526	116,710	2.78	5	237	9,235	2,037	3.54	40	19,235	767,929	211,685	3.77			
11	35	13,998	798,094	208,978	3.77	5	497	11,100	10,404	1.07	20	8,243	104,851	98,916	1.07			
12	16	7,376	133,751	88,512	1.74	3	431	13,143	5,033	2.35	2	844	5,000	3,510	1.42			
13	1	140	2,000	2,100	.95	1	94	8,000	1,410	2.13	2	1,337	29,163	21,392	1.63			
14	2	814	27,119	13,024	2.07	4	623	12,074	8,368	1.44	6	1,382	6,401	6,494	.99			
15	3	296	4,965	5,082	.99	3	86	1,436	1,402	.98	5	2,617	42,000	47,100	.89			
16	3	2,617	42,000	47,100	.89	3	1	1,000	2,800	.35	1	140	1,000	2,800	.35			
Total	348	141,668	3,442,875	1,148,281	3.00	100	13,718	298,901	102,427	2.92	454	136,381	3,741,776	1,250,718	2.99			

The product of enrollment and length of session in weeks.



# INSTITUTIONS OFFERING COURSES ACCREDITED FOR DEGREES.

fig. 8.



**COURSES ACCREDITED FOR DEGREES.**

By reference to Table 1 and figure 8 it will be observed that in general an increasing number of institutions offer at least a few courses accredited for degrees. A slight drop occurs in 1918, which may be due to war conditions. Only 11 schools which have been dropped from the list were counted in the preceding report as institutions offering courses accredited for degrees. The remaining number of 284 institutions, reporting courses accredited for degrees in 1916, is comparable with the total reported this year and has been so indicated on the graph. It must be borne in mind that several institutions which do not themselves grant degrees offer courses accredited for degrees in other institutions. This is true of a great many courses offered in summer normal schools. In 1918, 270 institutions offered courses for first or undergraduate degrees, and 88 institutions for graduate degrees. Only 2 schools offered courses accredited for graduate degrees only. The total number of institutions, therefore, offering courses accredited for degrees was 272.

**LECTURERS.**

The total number of lecturers reported by summer schools in 1918 was 1,762. The number reported in preceding years, excluding 1917, when no statistics were collected, was 1,911, 1,748, 1,910, 2,215, 2,512, and 2,337 in the years 1911 to 1916, respectively. The decrease shown in this report may be due to the exclusion of certain summer schools therefrom.

In 1918 the total number of semipopular lectures, music recitals, etc., reported was 3,568.

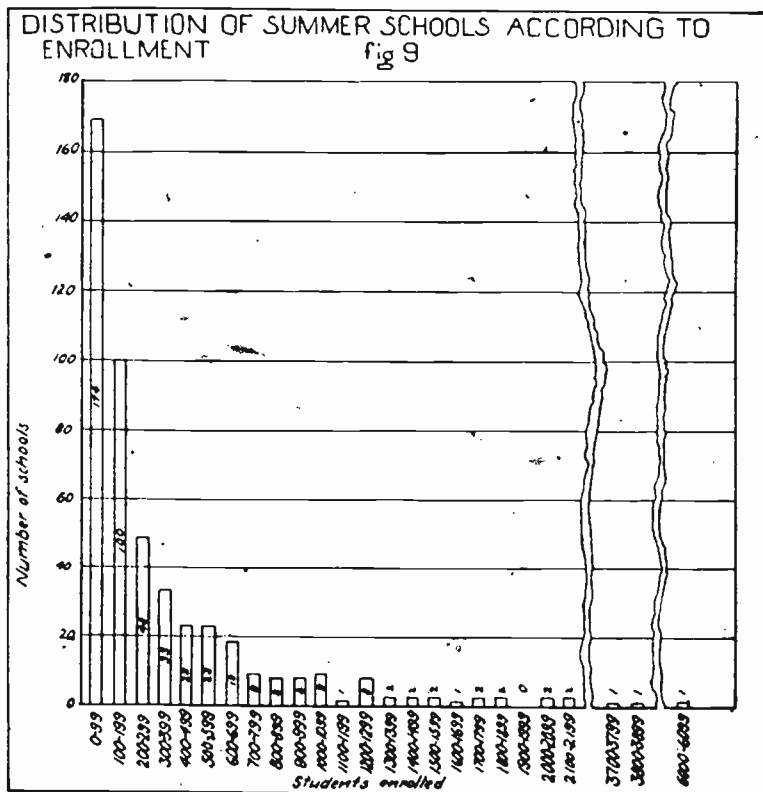
**OBSERVATION OR PRACTICE SCHOOLS.**

The number of schools reporting observation or practice schools in 1913 was 157; 1914, 189; 1915, 200; 1916, 233; and in 1918, 190. The enrollment in such schools for these respective years was 10,599, 14,013, 17,655, 21,295, and 18,345. As practice schools are maintained to supplement the teacher training work, the omission of the special independent teacher-training schools from this report may account for the noticeable decrease in enrollment and in the number of such schools. No data were collected on such schools prior to 1913.

**A COMPARISON OF ENROLLMENT IN SUMMER SCHOOLS.**

If the 160,422 students enrolled in the summer schools of 1918 had been equally distributed among the 480 schools included in this report, the enrollment in each would have been 334. It may be said, therefore, that the average size of summer schools maintained in 1918 was 334. The average does not convey to the reader an accurate picture of the enrollment in these schools inasmuch as only 33 schools had

an enrollment between 300 and 399 and only 1 school had exactly this average enrollment.



A clearer conception of the size of summer schools is gained by reference to figure 9, in which the schools have been grouped according to the enrollment in each. It will be observed that the most common type of summer school is the one enrolling fewer than 100 students. Over 36 per cent of all summer schools, or 174 schools, fall in this group. In the first three groups 322 schools, or 67 per cent of the total number, are included. In other words, about two-thirds of all summer schools have an enrollment considerably less than the average. To be exact, 333 schools had an enrollment less than the average, while only 146 schools had an enrollment greater than the average. The average, therefore, is very misleading in this instance and does not give so good a picture of the real situation as does the distribution table in figure 9. The three very large schools shown at the extreme right of the diagram lend undue weight to the average and serve to draw it out of a position which would indicate a more central tendency if these larger schools had not been included.

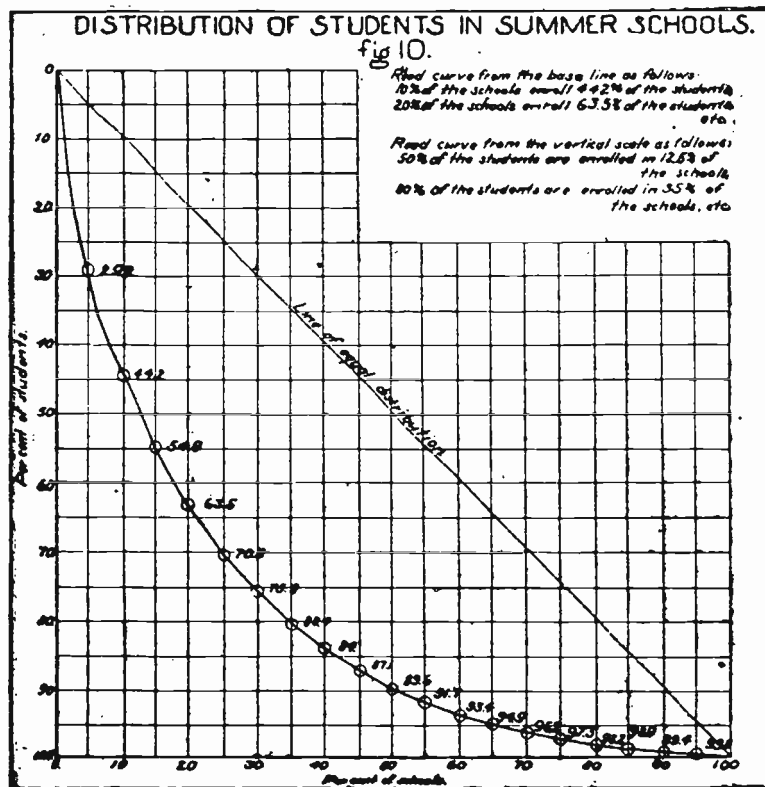


TABLE 5.—Showing method of obtaining enrollment percentages in summer schools used in figure 10.

Groups. <sup>1</sup>	Per cent of schools in each group.	Accumulated per cent of schools. <sup>2</sup>	Enrollment in schools of each group.	Per cent of total enrollment in each group.	Accumulated percentages of enrollment.
1	2	3	4	5	6
11.....	5	5	46,793	29.2	29.2
21.....	5	10	23,906	15.0	44.2
3.....	5	15	17,168	10.7	54.9
4.....	5	20	13,873	8.6	63.5
5.....	5	25	10,983	6.8	70.3
6.....	5	30	8,983	5.6	75.9
7.....	5	35	7,279	4.5	80.4
8.....	5	40	5,835	3.6	84.0
9.....	5	45	4,839	3.1	87.1
10.....	5	50	4,060	2.5	89.6
11.....	5	55	3,329	2.1	91.7
12.....	5	60	2,792	1.7	93.4
13.....	5	65	2,434	1.5	94.9
14.....	5	70	2,130	1.3	96.2
15.....	5	75	1,816	1.1	97.3
16.....	5	80	1,402	.9	98.2
17.....	5	85	1,053	.7	98.9
18.....	5	90	796	.5	99.4
19.....	5	95	557	.4	99.8
20.....	5	100	236	.2	100.0
Total.....			160,423	100.0	

<sup>1</sup> Group 1 includes the 24 schools having the largest enrollment; group 2, the 24 schools having the next largest enrollment, etc.

<sup>2</sup> Includes per cent of schools in and preceding this group.

<sup>3</sup> Includes per cent of enrollment in and preceding this group.

Figure 10 enables the reader to grasp the idea that a very few summer schools enroll a very large percentage of the total number of pupils attending such schools. Reading from the vertical scale it will be observed that half of the total summer school enrollment is found in about 12.5 per cent of the schools. Reading from base line it is found that half of the schools enroll almost 90 per cent of the total student body. This condition prevails because such a large number of summer schools as shown in figure 9 have a very small enrollment. Reading the curve conversely from the viewpoint of the smaller schools represented, it is noted that 50 per cent of the schools enroll only a little over 10 per cent of the students. In this group the 240 smaller schools are included. For the purpose of showing the dispersion in the distribution of enrollment, a "line of equal distribution" has been drawn diagonally across the figure connecting the extremes of the ordinate and the abscissa. If the enrollment were equally distributed in summer schools the points locating the curve would fall on the "line of equal distribution" in such a way that 30 per cent of the schools would enroll 30 per cent of the students; 50 per cent of the schools, 50 per cent of the students, etc. The "bowing" of the curve away from this "line" indicates that great inequality in enrollment exists. The farther the curve recedes from the "line of equal distribution" the greater is the dispersion. The curve does not give a numerical measurement of the dispersion but indicates that it exists. It also enables one to read readily the percentage of enrollment in any given percentage of schools. The curve forms a very valuable supplement to the distribution bars represented in figure 9.

TABLE 6.—Summary of statistics of all summer schools reporting in 1918.

States.	Schools reporting.	Summer school courses—			Instructors.			Lecturers.			Students.			Observation or practice schools.		Estimated cost.		
		Accredited for undergraduate degrees.	Accredited for graduate degrees.	Not accredited.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Number report- ing.	Fulfillment.	Schools report- ing.	18	19
United States	480	270	88	208	7,472	4,488	11,960	1,331	431	1,762	3,568	126,977	160,422	190	18,345	1,454	\$3,771,776	
Alabama	12	3	2	9	139	110	249	34	8	42	37	352	2,607	9	333	11	57,834	
Arizona	1	1	1	1	12	10	22	13	4	17	46	21	210	1	10	1	8,000	
Arkansas	2	2	1	10	25	17	42	13	4	17	46	293	2,891	2	189	2	10,000	
California	18	8	4	10	372	170	542	68	9	77	225	1,229	5,832	2	237	12	128,650	
Colorado	10	8	5	1	155	83	238	31	6	37	94	271	1,984	3	425	9	76,007	
Connecticut	5	1	1	3	90	17	107	5	3	8	2	551	285	1	150	4	12,000	
Delaware	2	1	1	1	11	13	24	13	3	16	2	219	221	2	48	2	4,793	
District of Columbia	4	3	1	1	69	4	73	13	2	15	27	365	461	2	44	4	34,900	
Florida	4	2	1	2	37	21	58	13	2	15	27	131	965	2	22	4	13,700	
Georgia	5	4	1	1	82	36	118	21	12	33	-25	456	1,178	1	48	5	22,700	
Idaho	3	2	1	1	17	9	26	3	3	6	6	28	693	2	92	3	12,537	
Illinois	37	12	6	21	745	444	1,189	70	65	135	340	4,289	10,455	12	1,136	36	655,373	
Indiana	23	20	3	3	404	175	579	85	22	107	112	2,584	8,223	9	620	21	178,775	
Iowa	21	18	4	3	275	159	434	28	12	40	270	992	5,497	9	619	21	105,920	
Kansas	8	8	1	1	222	123	345	21	5	26	31	617	5,242	3	242	8	125,600	
Kentucky	3	1	1	2	49	39	88	18	1	19	15	131	810	2	221	3	22,933	
Louisiana	8	6	3	2	220	105	325	31	10	41	81	732	2,338	4	311	8	14,408	
Maine	9	1	1	8	28	38	66	2	2	4	24	142	470	1	182	8	8,835	
Maryland	3	2	1	1	38	21	59	4	2	6	24	190	344	1	181	1	4,000	
Massachusetts	25	5	2	20	236	79	315	41	6	47	106	2,322	2,120	4	205	22	188,627	
Michigan	13	8	3	5	336	180	516	38	6	44	105	1,297	4,822	7	904	13	163,162	
Minnesota	16	5	2	11	228	120	348	48	32	80	136	653	3,942	6	438	16	84,400	
Mississippi	12	1	1	1	23	21	44	6	3	9	11	348	961	1	14	2	10,109	
Missouri	11	10	2	1	183	133	316	14	9	23	30	725	4,772	5	1,138	11	136,994	
Montana	4	4	2	1	46	34	80	23	6	29	36	60	813	1	100	4	32,900	



**21**

1 These schools enrolled 156,219 students.

TABLE 7.—Summary of reports of summer schools, conducted by universities, colleges, and normal schools.

States.	Summer schools of—			Summer school courses—			Instructors.			Lecturers.			Students.			Observation or practice schools.		Estimated cost.		
	Universities.	Colleges.	Normals.	Accredited for undergraduate degrees.	Not specified.	Men.	Women.	Total.	Men.	Women.	Total.	Semipopular lectures, recitals, etc.	Men.	Women.	Total.	Number reporting.	Enrollment.		Schools reporting.	Cost.
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
United States.....	368	104	136	282	86	104,713	3,831	10,564	1,114	336	1,450	3,142	28,666	116,020	144,686	165	17,082	1,348	\$3,472,875	
Alabama.....	10	1	1	3	2	132	102	234	31	7	38	30	332	2,502	2,534	7	201	10	56,834	
Arizona.....	10	1	1	1	1	12	10	22	13	4	17	46	21	210	231	1	10	1	5,000	
Arkansas.....	10	1	1	1	1	25	17	42	13	4	17	23	283	293	586	2	156	2	10,368	
California.....	12	6	1	5	4	346	143	489	64	8	72	223	1,168	5,860	6,748	3	237	11	122,820	
Colorado.....	10	4	4	8	5	155	93	246	31	6	37	94	271	1,864	2,755	3	425	9	76,097	
Connecticut.....	2	1	2	1	2	22	16	38	5	3	8	2	607	271	878	7	150	2	8,900	
Delaware.....	1	1	1	1	1	8	10	18	11	3	14	23	271	161	732	1	28	1	4,465	
District of Columbia.....	3	1	1	2	1	32	17	49	4	2	6	24	157	844	971	1	15	3	31,495	
Florida.....	3	1	1	1	1	52	36	118	24	12	36	45	1,178	1,634	1,634	1	48	5	22,700	
Georgia.....	5	3	3	4	1	17	29	46	3	3	6	6	28	693	691	2	92	3	12,637	
Idaho.....	3	1	2	1	1	59	26	85	15	41	56	225	2,546	7,558	9,924	6	941	19	570,083	
Illinois.....	19	5	7	13	5	232	140	472	69	14	83	88	1,552	4,590	6,142	7	524	17	172,775	
Indiana.....	18	6	7	18	3	271	173	444	28	12	40	230	1,898	5,459	6,447	9	619	18	161,010	
Iowa.....	18	4	14	18	1	271	173	444	28	12	40	230	1,898	5,459	6,447	9	619	18	161,010	
Kansas.....	8	2	3	8	1	222	123	345	21	5	26	31	617	5,242	5,269	3	242	8	125,600	
Kentucky.....	2	1	2	1	1	49	39	88	18	1	19	15	131	810	941	2	221	3	22,933	
Louisiana.....	2	1	1	1	1	174	64	238	7	3	10	38	545	1,798	2,344	2	239	4	42,633	
Maine.....	1	1	1	1	1	20	36	56	1	1	2	12	138	395	536	1	72	7	8,860	
Maryland.....	1	1	1	1	1	24	16	40	2	2	4	14	103	223	326	1	181	1	10,000	
Massachusetts.....	11	3	3	5	2	180	44	224	155	28	53	67	1,586	1,312	3,198	2	79	10	136,122	
Michigan.....	9	2	5	7	3	307	166	473	25	6	31	98	1,135	4,308	5,443	5	904	9	153,325	
Minnesota.....	9	2	5	7	1	198	148	346	473	25	38	115	551	3,431	3,982	4	303	9	71,400	

## 23

These schools enrolled 142,541 students.

TABLE 8.—Summary of reports of summer schools conducted by secondary schools and institutions of higher rank not summarized in Table 7.

States.	Schools reporting.	Summer school courses—			Instructors.			Lecturers.			Students.			Observation or practice schools.		Estimated cost.	
		Accredited for undergraduate degrees.	Accredited for graduate degrees.	Not specified.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Number report- ing.	Enrollment.	Schools report- ing.	Cost.
United States.....	122	18	2	104	759	637	1,396	217	95	312	426	1,779	15,734	25	1,263	106	\$298,901
Alabama.....	2				7	8	15	3	1	4	2	53	53	2	42	1	1,000
California.....	6				26	27	53	4	1	5	2	322	322	2	4	1	5,200
Connecticut.....	3				3	3	6					44	14	1	20	2	3,100
Delaware.....	1				1	3	4					20	20	1	1	1	3,450
District of Columbia.....	1				8							94	94			1	3,000
Florida.....	1				12	0	12	0	0	0	3	4	141	141	1	2	2,000
Illinois.....	18	3	1	15	156	231	387	44	50	94	115	3,691	4,530	6	495	17	76,340
Indiana.....	5	2		3	107	20	127	16	8	24	24	1,032	1,040	2	96	4	6,000
Iowa.....	3				4	14	18					4	238	242	2	3	4,900
Kansas.....	4	3		1	46	41	87	24	7	31	43	187	737	2	102	4	21,775
Louisiana.....	2				8	2	10	1	1	2	4	72	76			1	75
Maine.....	2				14	8	22					121	146			1	4,000
Maryland.....	14				56	35	91	13	13	26	39	436	508	2	126	12	53,508
Massachusetts.....	7	1		3	25	14	39	13	11	24	17	314	676	2	130	7	9,837
Michigan.....	7	1		6	31	22	53	5	4	10	21	102	613	2	135	7	10,060
Minnesota.....	1				2	2	4					10	10			1	1,000
New Hampshire.....	1				18	16	34					123	129			1	843
New Jersey.....	3				18	16	34					211	891			2	43,394
New York.....	15	2		13	63	62	125	22	3	25	53	677	891	1	50	14	2,655
North Carolina.....	4				20	26	46	22	6	28	14	85	402	467		3	6,733
Ohio.....	5	1		4	25	28	53	10	5	15	8	83	329			3	9,733
Oklahoma.....	1				5	3	8					3	60	63	1	6	2,000
Pennsylvania.....	9				37	22	59	9	0	9	06	268	631	899		9	18,925
Tennessee.....	2				13	5	18	3	3	6	2	54	135	189	1	57	4,750
Texas.....	4	1		3	19	23	42	8	8	16	3	30	513	1	14	3	2,700
Utah.....	1	1			13	4	17	2	2	4	8	31	165	226	1	23	5,300
Virginia.....	3				13	12	25	3	8	11	1	13	222	235		3	2,479
West Virginia.....	1				3	4	7	1	1	2	3	15	86			1	1,000

TABLE 9.—Summer schools of colleges, universities, and normal schools reporting sessions in 1918.

Location.	Summer school.	Control (i. e., col- lege, uni- versity, or normal school).	Weeks in session.	Courses ac- credited for—		Instructors.		Lecturers.		Popular lectures, music recitals, etc.	Students.		Pupils in observa- tion classes.	Esti- mated cost.
				Under- graduate degrees.	Grad- uate degrees.	Men.	Wo- men.	Men.	Wo- men.		Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALABAMA.														
Auburn.....	Alabama Polytechnic Institute.....	Col.	6	X	X	37	15				59	99	21	\$5,000
Birmingham.....	Howard College.....	Col.	6	X	X	10	6				15	10	21	2,000
Do.....	State Normal School.....	Nor.	12			10	1				10	210	20	2,000
Do.....	do.....	Nor.	12			6	3				10	157	40	2,000
Livingston.....	do.....	Nor.	11			6	8				1	231	40	3,000
Montgomery.....	do.....	Nor.	11			6	6				1	123	20	3,000
Normal.....	State Normal School (Negro).....	Col.	6			5	5	2	1		2	26		2,124
Troy.....	State Normal School.....	Nor.	11			9	9	4			29	258	50	4,500
Tuskegee.....	Tuskegee Institute (Negro).....	Nor.	6	X	X	11	17	16	3		65	303	32	5,000
University.....	University of Alabama.....	Univ.	6	X	X	33	23	9	3		105	645	54	20,000
ARIZONA.														
Flagstaff.....	Northern Arizona Normal School.....	Nor.	8			12	10				21	210	10	8,000
ARKANSAS.														
Conway.....	Arkansas State Normal.....	Nor.	8	X	X	10	10	7	1		11	206	111	4,508
Fayetteville.....	University of Arkansas.....	Univ.	6	X	X	15	7	6			43	279	55	5,500
CALIFORNIA.														
Artesia.....	Humboldt State Normal.....	Nor.	9			5	5				1	46		1,000
Barstow.....	University of California.....	Univ.	9	X	X	126	61	32	7		69	3,134	60	60,000
Beaumont.....	Pomona College, Marine Laboratory.....	Col.	6	X	X	3	2	1			3	15		350
Berkeley.....	University of California.....	Univ.	6	X	X	8	7	5			1	15		1,000
Huntington Lake.....	University of Southern California.....	Univ.	6	X	X	48	11	11			197	513	26	14,000
Los Angeles.....	Southern Division of University of Cali- fornia.....	Univ.	6	X	X	43	15	22	1		56	160	503	20,000
Do.....	do.....	Univ.	6	X	X	43	15	22	1		56	160	503	20,000
Pacific Grove.....	Hopkins Marine Station (Leland Stan- ford Junior University).....	Univ.	11	X	X	4						6		500
San Diego.....	State Normal School.....	Nor.	6			7	14	4			3	345	80	5,000

! The cross denotes yes.

TABLE 9.—Summer schools of colleges, universities, and normal schools reporting sessions in 1918—Continued.

Location.	Summer school.	Control (i. e., col- lege, uni- versity, or normal school).	Weeks in session.	Courses ac- credited for—		Instructors.		Popular lectures, musical, recitals, etc.		Students.		Pupils in observa- tion classes.	Esti- mated cost.
				Under- grad- uate degree.	Grad- uate degree.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
CALIFORNIA—continued.													
San Jose.	State Normal School.	Nor.	5			7	7					131	\$4,000
San Bernardino.	State Normal School of Manual Arts and Home Economics.	Nor.	7			2	14			12		156	10,000
Stanford University.	Leland Stanford Junior University.	Univ.	11	X	X	95	8			50		107	
Stanford University.	Camp California Summer School of Sur- veying (University of California).	Univ.	4	X	X	3							8,200
COLORADO.													
Booulder.	University of Colorado.	Univ.	6	X	X	53	12			63		571	13,000
Denver.	Denver Normal and Preparatory School.	Nor.	10			30	3	1	2			48	850
Denver.	School of Ophthalmology (University of Colorado).	Univ.	6		X							5	300
Fort Collins.	Colorado Agricultural College.	Col.	6	X	X	10	3	7	1			28	2,232
Golden.	State School of Mines.	Col.	6	X	X	6							
Greeley.	State Teachers College.	Col.	10	X	X	43	47	10		17		800	48,600
Gunnison.	State Normal School.	Nor.	6	X	X	31	23	4	2	5		300	6,700
Tolland.	School of Mountain Field Biology (Uni- versity of Colorado).	Univ.	7	X	X	1						2	200
University Park.	University of Denver.	Univ.	6	X	X	15	5	3	1	9		46	4,000
Woodland Park.	Summer School of Surveying (Colorado College).	Col.	4	X	X	2						109	4,175
CONNECTICUT.													
Danbury.	State Normal Training School.	Nor.	6			17	12	5	3	2		228	7,500
New Haven.	New Haven Normal School of Gymnastics.	Nor.	11			5	4					1	1,400
DELAWARE.													
Wilmington.	Delaware College for Teachers.	Col.	6	X	X	8	10	11	3			2	4,843
DISTRICT OF COLUMBIA.													
Washington (Brookland).	Catholic Sisters' College (Catholic Univer- sity of America).	Col.	6	X	X	27	4	3		24		302	24,000



# SUMMER SCHOOLS IN 1918.

24

Washington.	Do.	Univ.	8	19	6	19	6	225	159	7,000
George Washington University.	Do.	Univ.	8	19	6	225	159	7,000		
National University Law School.	Do.	Univ.	8	19	6	225	159	7,000		
FLORIDA.										
Gainesville.	Do.	Univ.	8	19	6	225	159	7,000		
Florida Normal Institute.	Do.	Univ.	8	19	6	225	159	7,000		
Tallahassee.	Do.	Univ.	8	19	6	225	159	7,000		
GEORGIA.										
Athens.	Do.	Univ.	8	19	6	225	159	7,000		
Georgia School of Technology.	Do.	Univ.	8	19	6	225	159	7,000		
Macon.	Do.	Univ.	8	19	6	225	159	7,000		
Emory University.	Do.	Univ.	8	19	6	225	159	7,000		
South Georgia State Normal College.	Do.	Univ.	8	19	6	225	159	7,000		
IDAHO.										
Albion.	Do.	Univ.	8	19	6	225	159	7,000		
Idaho Technical Institute.	Do.	Univ.	8	19	6	225	159	7,000		
ILLINOIS.										
Carbondale.	Do.	Univ.	8	19	6	225	159	7,000		
Eastern Illinois State Normal University.	Do.	Univ.	8	19	6	225	159	7,000		
American College of Physical Education.	Do.	Univ.	8	19	6	225	159	7,000		
Chicago (4200 Grand Blvd.).	Do.	Univ.	8	19	6	225	159	7,000		
Chicago (4200 B. Wabash Ave.).	Do.	Univ.	8	19	6	225	159	7,000		
Chicago.	Do.	Univ.	8	19	6	225	159	7,000		
De Paul University.	Do.	Univ.	8	19	6	225	159	7,000		
Levy Institute.	Do.	Univ.	8	19	6	225	159	7,000		
Northwestern University.	Do.	Univ.	8	19	6	225	159	7,000		
National Kindergarten College.	Do.	Univ.	8	19	6	225	159	7,000		
Pestalozzi-Froebel Kindergarten Training School.	Do.	Univ.	8	19	6	225	159	7,000		
University of Chicago.	Do.	Univ.	8	19	6	225	159	7,000		
Northern Illinois State Normal.	Do.	Univ.	8	19	6	225	159	7,000		
Garrett Biblical Institute.	Do.	Univ.	8	19	6	225	159	7,000		
Northwestern University.	Do.	Univ.	8	19	6	225	159	7,000		
Western Illinois State Normal.	Do.	Univ.	8	19	6	225	159	7,000		
Illinois State Normal University.	Do.	Univ.	8	19	6	225	159	7,000		
Bradley Polytechnic Institute.	Do.	Univ.	8	19	6	225	159	7,000		
University of Illinois.	Do.	Univ.	8	19	6	225	159	7,000		
Whitson College.	Do.	Univ.	8	19	6	225	159	7,000		
INDIANA.										
Angola.	Do.	Univ.	8	19	6	225	159	7,000		
Indiana University.	Do.	Univ.	8	19	6	225	159	7,000		
Bloomington.	Do.	Univ.	8	19	6	225	159	7,000		
Danville.	Do.	Univ.	8	19	6	225	159	7,000		

The cross denotes yes.

TABLE 3.—Summer schools of colleges, universities, and normal schools reporting sessions in 1918—Continued.

Location.	Summer school.	Control (i. e., col- lege, uni- versity or normal school).	Weeks in session.	Courses ac- credited for—		Instructors.		Lecturers.		Popular lectures, music, recitals, etc.	Students.		Pupils in observa- tion classes.	Esti- mated cost.
				Under- graduate degrees.	Grad- uate degrees.	Men.	Wo- men.	Men.	Wo- men.		Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
INDIANA—continued.														
Goshen.....	Goshen College.....	Col.	11	X	X	7	1			12	25	100	85	\$4,000
Greensburg.....	De Pauw University.....	Univ.	11	X	X	7	1			6	13	65		2,500
Hammer.....	Hammer College.....	Col.	11	X	X	7	1			6	13	77		2,500
Indianapolis.....	Butler College.....	Col.	11	X	X	9	3			1	8	57		1,100
Do.....	Indiana Central University.....	Univ.	12	X	X	4	2			1	3	45		3,000
Do.....	Indiana University School of Medicine.....	Univ.	16	X	X	45	2	41	1		100	4		3,355
Do.....	Normal College of the North American Gymnastic Union.....	Nor.	4	X	X						14	36		1,400
Do.....	Teachers College of Indianapolis.....	Nor.	18	X	X	25	8	8	8		416	81		16,000
Marion.....	Marion Normal Institute.....	Nor.	12	X	X	6	6	2	2	20	30	199	40	3,000
Muncie.....	Indiana State Normal.....	Nor.	11	X	X	13	7	5			50	350	30	
Neosho.....	St. Marys College and Academy.....	Col.	5	X	X	4	17	5		1	20	100		2,300
Oakland City.....	Oakland City College.....	Col.	12	X	X	6	4	3	1		33			2,500
Peru.....	Indiana State Normal School.....	Nor.	11	X	X	36	21				161	825		61,500
Valparaiso.....	Valparaiso University.....	Univ.	11	X	X	33	11			10	364	688	55	22,000
Whiteland.....	Indiana University Biological Station.....	Univ.	9	X	X	4	2				25	10		1,100
IOWA.														
Ames.....	Iowa State College of Agriculture and Mechanics.....	Col.	12	X	X	49	22			4	238	267	52	17,174
Bedford Falls.....	Iowa State Teachers College.....	Col.	11	X	X	49	59			14	117	1,905	180	56,804
Clarke Rapids.....	Coe College.....	Col.	10	X	X	6	7	2	2		18	114	10	2,500
Des Moines.....	Iowa State Teachers College (Extension). Des Moines College.....	Col.	11	X	X	8	4			3	2	133	61	8,800
Do.....	Des Moines University.....	Univ.	10	X	X	20	10	4	3	15	75	564		10,000
Do.....	Des Moines College.....	Col.	11	X	X	20	2				31	354		1,500
Do.....	Upper Iowa University.....	Univ.	10	X	X	8	10	5	3		22	171	23	4,500
Do.....	Simpson College.....	Col.	10	X	X	6	8			10	11	103		2,000
Do.....	State University of Iowa.....	Univ.	10	X	X	64	12	9	2	130	405	635	68	27,868
Do.....	Ellsworth College.....	Col.	10	X	X	5	4	1	2		3	88		2,500
Do.....	Lakeside Laboratory (Iowa State Univer- sity).....	Indiv.	6	X	X	3	1			8	4	8		

## 29



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TABLE 9.—Summer schools of colleges, universities, and normal schools reporting sessions in 1918—Continued.

Location.	Summer school.	Control (i. e., col- lege, uni- versity, or normal school).	Weeks in session.	Courses ac- credited for—		Instructors.		Lecturers.		Popular lectures, music recitals, etc.	Students.		Pupils in observa- tion classes.	Esti- mated cost.
				Under- grad- uate degrees.	Grad- uate degrees.	Men.	Wo- men.	Men.	Wo- men.		Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MASSACHUSETTS—continued.</b>														
Boston.	Simmons College.	Col.	6	X		15	20	9	3		1	302		\$6,824
Cambridge.	Harvard University.	Univ.	6	X		43		8		31	815	430		75,000
Do.	Massachusetts Institute of Technology.	Col.	15	X		39					855	23		30,000
Flushing.	State Normal School.	Nor.	7			4	6				18	61	19	3,500
Hyannis.	do.	Nor.	6			6	10	3	2		7	115	60	4,000
Marion Castle.	Marion Theological Institution.	Col.	2			7					37			248
Woods Hole.	Marine Biological Laboratory.	Col.	6			17	1			12	17	52		3,450
<b>MICHIGAN.</b>														
Ann Arbor.	University of Michigan.	Univ.	10	X	X	172	10	5	1	60	774	530		61,951
Battle Creek.	Normal School of Physical Education.	Nor.	6			6	8				150			8,000
Barren Springs.	Emmanuel Missionary College.	Col.	6	X		4	8			4	4	73	17	2,000
East Lansing.	Michigan Agricultural College.	Col.	6	X		35	7			10	81	106		7,500
Kalamazoo.	Western State Normal School.	Nor.	6	X		23	36	3	1		77	836	175	27,042
Marquette.	Northern State Normal School.	Nor.	6	X		17	16	6		12	37	408	264	7,667
Mount Pleasant.	Central State Normal School.	Nor.	6	X		15	19	3	1	5	68	653	305	15,800
Pontiac.	University of Michigan Biological Station.	Univ.	8	X	X	5	1				3	10		3,375
Ypsilanti.	Michigan State Normal College.	Nor.	6	X	X	30	61	8	3	7	93	1,382	143	34,000
<b>MINNESOTA.</b>														
Duluth.	State Normal School.	Nor.	6			4	8	2	2	1		192		3,500
do.	do.	Nor.	6			9	14			9	1	382	81	5,450
Minneapolis.	University of Minnesota.	Univ.	6		X	110	15	3	2	30	434	812		21,000
Moorhead.	State Normal School.	Nor.	6	X		13	19	6	11	8	20	491	27	6,000
St. Cloud.	do.	Nor.	6			9	19	5	4	12	23	553	100	7,000
St. Paul (University Farm).	University of Minnesota College of Agri- culture.	Univ.	6	X		20	10			33	20	115		5,150
Do.	State Teachers Training School.	Col.	6			13	22	22	8		45	375		7,700
Winona.	College of St. Teresa.	Col.	6	X		9	33			12	12	195		13,000
Do.	State Normal School.	Nor.	6			11	8			10	6	320	96	5,600

## 31

Report received too late for inclusion in percentage graphs.

<sup>1</sup> The cross denotes yes.



TABLE 9.—Summer schools of colleges, universities, and normal schools reporting sessions in 1918—Continued.

Location.	Summer school.	Control (i. e., col- lege, uni- versity, or normal school).	Weeks in session.	Courses ac- credited for—		Instructors.		Lecturers.		Popular lectures, music, recitals, etc.	Students.		Pupils in observa- tion classes.	Esti- mated cost.
				Under- graduate degrees.	Grad- uate degrees.	Men.	Wo- men.	Men.	Wo- men.		Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW JERSEY.														
Hoboken.	Stevens Institute of Technology.	Col.	4			9		2	2	2	160		\$2,175	
Newark.	Newark Normal School for Physical Edu- cation.	Nor.	6			7	5	2	2	2	17	28	1,500	
New Brunswick.	Rutgers College.	Col.	6	X	X	35	19	2	1	18	89	339	500	17,500
NEW MEXICO.														
Las Vegas.	New Mexico Normal University.	Nor.	8	X	X	11	29	7	2	50	101	545	4,682	
Silver City.	State Normal School.	Nor.	8			9	12	6			25	350	31	10,000
NEW YORK.														
Alfred.	Alfred University.	Univ.	6	X		6	6			6	2	44	26	2,000
Auburn.	Auburn Theological Seminary.	Univ.	3			6	6				36	9	2,500	
Auburn.	Auburn Theological Seminary (Summer School for Christian Workers).	Univ.	2			8	3			2	17	61	3,500	
Brooklyn.	Adelphi College.	Col.	6	X	X	10	4	3		3	35	115	219	5,000
Chenango.	State Normal School.	Nor.	6			4	13			5	7	402	3,800	
Cornell.	Cornell University.	Univ.	6	X	X	101	21	1		32	340	846	27,500	
New Rochelle.	College of New Rochelle.	Col.	6	X	X	7	12	1		110		1,000	3,000	
New York.	Bible Teachers Training School.	Col.	6	X	X	6	2	2	2	2	5	80	1,250	
Do.	College of the City of New York.	Col.	8	X	X	58	3	15		12	1,581	260	25,000	
Do.	Columbia University.	Univ.	6	X	X	237	90	4		114	1,710	4,312	188,100	
Do.	Hunter College.	Col.	6	X	X	12	24	4	1	7	341	868	8,668	
Do.	Hunter College.	Col.	6	X	X	17	3	5	6	6	7	96	1,650	
Do.	New York School of Philanthropy.	Univ.	6	X	X	57	19			10	322	377	19,328	
Do.	New York University.	Nor.	6	X	X	5	15			3	1	5	4,000	
Onondaga.	State Normal School.	Nor.	6	X	X	34	7	13		18	108	249	8,500	
Syracuse.	Syracuse University.	Univ.	6											
NORTH CAROLINA.														
Chapel Hill.	University of North Carolina.	Univ.	6	X	X	37	19	5		29	100	518	80	15,000
			6			6	5			10	6	79	18	



# SUMMER SCHOOLS IN 1918.

38

		4	8	11	14	17	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	143	146	149	152	155	158	161	164	167	170	173	176	179	182	185	188	191	194	197	200	203	206	209	212	215	218	221	224	227	230	233	236	239	242	245	248	251	254	257	260	263	266	269	272	275	278	281	284	287	290	293	296	299	302	305	308	311	314	317	320	323	326	329	332	335	338	341	344	347	350	353	356	359	362	365	368	371	374	377	380	383	386	389	392	395	398	401	404	407	410	413	416	419	422	425	428	431	434	437	440	443	446	449	452	455	458	461	464	467	470	473	476	479	482	485	488	491	494	497	500	503	506	509	512	515	518	521	524	527	530	533	536	539	542	545	548	551	554	557	560	563	566	569	572	575	578	581	584	587	590	593	596	599	602	605	608	611	614	617	620	623	626	629	632	635	638	641	644	647	650	653	656	659	662	665	668	671	674	677	680	683	686	689	692	695	698	701	704	707	710	713	716	719	722	725	728	731	734	737	740	743	746	749	752	755	758	761	764	767	770	773	776	779	782	785	788	791	794	797	800	803	806	809	812	815	818	821	824	827	830	833	836	839	842	845	848	851	854	857	860	863	866	869	872	875	878	881	884	887	890	893	896	899	902	905	908	911	914	917	920	923	926	929	932	935	938	941	944	947	950	953	956	959	962	965	968	971	974	977	980	983	986	989	992	995	998	1001	1004	1007	1010	1013	1016	1019	1022	1025	1028	1031	1034	1037	1040	1043	1046	1049	1052	1055	1058	1061	1064	1067	1070	1073	1076	1079	1082	1085	1088	1091	1094	1097	1100	1103	1106	1109	1112	1115	1118	1121	1124	1127	1130	1133	1136	1139	1142	1145	1148	1151	1154	1157	1160	1163	1166	1169	1172	1175	1178	1181	1184	1187	1190	1193	1196	1199	1202	1205	1208	1211	1214	1217	1220	1223	1226	1229	1232	1235	1238	1241	1244	1247	1250	1253	1256	1259	1262	1265	1268	1271	1274	1277	1280	1283	1286	1289	1292	1295	1298	1301	1304	1307	1310	1313	1316	1319	1322	1325	1328	1331	1334	1337	1340	1343	1346	1349	1352	1355	1358	1361	1364	1367	1370	1373	1376	1379	1382	1385	1388	1391	1394	1397	1400	1403	1406	1409	1412	1415	1418	1421	1424	1427	1430	1433	1436	1439	1442	1445	1448	1451	1454	1457	1460	1463	1466	1469	1472	1475	1478	1481	1484	1487	1490	1493	1496	1499	1502	1505	1508	1511	1514	1517	1520	1523	1526	1529	1532	1535	1538	1541	1544	1547	1550	1553	1556	1559	1562	1565	1568	1571	1574	1577	1580	1583	1586	1589	1592	1595	1598	1601	1604	1607	1610	1613	1616	1619	1622	1625	1628	1631	1634	1637	1640	1643	1646	1649	1652	1655	1658	1661	1664	1667	1670	1673	1676	1679	1682	1685	1688	1691	1694	1697	1700	1703	1706	1709	1712	1715	1718	1721	1724	1727	1730	1733	1736	1739	1742	1745	1748	1751	1754	1757	1760	1763	1766	1769	1772	1775	1778	1781	1784	1787	1790	1793	1796	1799	1802	1805	1808	1811	1814	1817	1820	1823	1826	1829	1832	1835	1838	1841	1844	1847	1850	1853	1856	1859	1862	1865	1868	1871	1874	1877	1880	1883	1886	1889	1892	1895	1898	1901	1904	1907	1910	1913	1916	1919	1922	1925	1928	1931	1934	1937	1940	1943	1946	1949	1952	1955	1958	1961	1964	1967	1970	1973	1976	1979	1982	1985	1988	1991	1994	1997	2000	2003	2006	2009	2012	2015	2018	2021	2024	2027	2030	2033	2036	2039	2042	2045	2048	2051	2054	2057	2060	2063	2066	2069	2072	2075	2078	2081	2084	2087	2090	2093	2096	2099	2102	2105	2108	2111	2114	2117	2120	2123	2126	2129	2132	2135	2138	2141	2144	2147	2150	2153	2156	2159	2162	2165	2168	2171	2174	2177	2180	2183	2186	2189	2192	2195	2198	2201	2204	2207	2210	2213	2216	2219	2222	2225	2228	2231	2234	2237	2240	2243	2246	2249	2252	2255	2258	2261	2264	2267	2270	2273	2276	2279	2282	2285	2288	2291	2294	2297	2300	2303	2306	2309	2312	2315	2318	2321	2324	2327	2330	2333	2336	2339	2342	2345	2348	2351	2354	2357	2360	2363	2366	2369	2372	2375	2378	2381	2384	2387	2390	2393	2396	2399	2402	2405	2408	2411	2414	2417	2420	2423	2426	2429	2432	2435	2438	2441	2444	2447	2450	2453	2456	2459	2462	2465	2468	2471	2474	2477	2480	2483	2486	2489	2492	2495	2498	2501	2504	2507	2510	2513	2516	2519	2522	2525	2528	2531	2534	2537	2540	2543	2546	2549	2552	2555	2558	2561	2564	2567	2570	2573	2576	2579	2582	2585	2588	2591	2594	2597	2600	2603	2606	2609	2612	2615	2618	2621	2624	2627	2630	2633	2636	2639	2642	2645	2648	2651	2654	2657	2660	2663	2666	2669	2672	2675	2678	2681	2684	2687	2690	2693	2696	2699	2702	2705	2708	2711	2714	2717	2720	2723	2726	2729	2732	2735	2738	2741	2744	2747	2750	2753	2756	2759	2762	2765	2768	2771	2774	2777	2780	2783	2786	2789	2792	2795	2798	2801	2804	2807	2810	2813	2816	2819	2822	2825	2828	2831	2834	2837	2840	2843	2846	2849	2852	2855	2858	2861	2864	2867	2870	2873	2876	2879	2882	2885	2888	2891	2894	2897	2900	2903	2906	2909	2912	2915	2918	2921	2924	2927	2930	2933	2936	2939	2942	2945	2948	2951	2954	2957	2960	2963	2966	2969	2972	2975	2978	2981	2984	2987	2990	2993	2996	2999	3002	3005	3008	3011	3014	3017	3020	3023	3026	3029	3032	3035	3038	3041	3044	3047	3050	3053	3056	3059	3062	3065	3068	3071	3074	3077	3080	3083	3086	3089	3092	3095	3098	3101	3104	3107	3110	3113	3116	3119	3122	3125	3128	3131	3134	3137	3140	3143	3146	3149	3152	3155	3158	3161	3164	3167	3170	3173	3176	3179	3182	3185	3188	3191	3194	3197	3200	3203	3206	3209	3212	3215	3218	3221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TABLE 9.—Summer schools of colleges, universities, and normal schools reporting sessions in 1918—Continued.

Location.	Summer school.	Control (i. e., col- lege, uni- versity, or normal school).	Weeks in session.	Courses ac- credited for—		Instructors.		Lecturers.		Popular lectures, music recitals, etc.	Students.		Pupils in observ- ation classes.	Esti- mated cost.
				Under- grad- uate degrees.	Grad- uate degrees.	Men.	Wo- men.	Men.	Wo- men.		Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OKLAHOMA—continued.														
Durant.....	Southeastern State Normal School.	Nor.	8			21	11	5	1	35	90	590	120	\$11,500
Edmond.....	Central State Normal School.	Nor.	8			22	20	5	1	8	150	1,700	539	20,000
Enid.....	Phillips University.	Univ.	8	X		12	6	6			25	281	40	3,000
Norman.....	University of Oklahoma.	Univ.	8	X	X	50	12	3		18	373	891	60	10,000
Stillwater.....	Oklahoma Agricultural and Mechanical College.	Col.	13	X	X	26	16	5	2	10	50	350		
Tabbiquah.....	Northeastern State Normal School.	Nor.	8			8	22	6	3	12	50	750	12	1,500
Weatherford.....	Southwestern State Normal School.	Nor.	8			28	14	6	2		78	739	120	9,300
OREGON.														
Corvallis.....	Oregon Agricultural College.	Col.	6	X	X	27	19	4	2	4	35	211		2,000
Eugene.....	University of Oregon.	Univ.	6	X	X	25	6	3	1	35	57	142		5,000
Monmouth.....	Oregon Normal School.	Nor.	6			5	12	2	1	5	4	400		7,000
Portland.....	Reed College.	Col.	11	X	X	8	30	12	1	2	1	216	307	15,000
Do.....	University of Oregon (Extension).	Univ.	6			11	5	1		34	23	283		3,000
PENNSYLVANIA.														
Allentown.....	Muhlenberg College.	Col.	6	X	X	6	5	2	1	8	8	36		\$2,100
Beaver Falls.....	Geneva College.	Col.	9	X	X	6	4	1		10	20	130		2,000
Bethlehem.....	Lehigh University.	Univ.	9	X	X	4	1			3	23	25	16	800
Collegeville.....	Grainus College.	Col.	6	X	X	6				4	11	9		632
Grove City.....	Grove City College.	Col.	9	X	X	27	7				29	357		24,000
Greensburg.....	State Normal School.	Nor.	6			7	5	4	2	4	30	102	43	5,098
Harrisburg.....	Proprie College.	Col.	7		X	17	9				7	28		
Do.....	Temple University.	Univ.	6	X	X	17	31				83	287		5,500
Pittsburgh.....	University of Pittsburgh.	Univ.	6	X	X	59	31	4			185	287		18,500
Shippensburg.....	Susquehanna University.	Univ.	6	X	X	7	2	4		6	45	56		3,500
State College.....	Cumberland Valley State Normal.	Nor.	6			2	2	1			13	19		600
Do.....	Pennsylvania State College.	Col.	6	X	X	42	19	15		33	62	581	103	15,500
West Chester.....	State Normal School.	Nor.	6			6	6				15	99		1,477

# SUMMER SCHOOLS IN 1918.

35

SOUTH CAROLINA.		4	X	X	13	10	15	7	9	174	24	1,225
Orangeburg.....		4	X	X	13	10	15	7	9	174	24	1,225
Rock Hill.....		6	X	X	15	48	23	12	6	1,040	40	20,025
SOUTH DAKOTA.												
Aberdeen.....		12	X	X	21	23	9	5	25	585		8,000
Brookings.....		6	X	X	20	7	9	2	13	45		3,500
Huron.....		5	X	X	7	6	6	1	12	175		3,000
Lincoln.....		12	X	X	7	7	4	2	1	141	101	2,000
Mitchell.....		6	X	X	7	15	7	2	23	204	120	6,000
Sioux Falls.....		10	X	X	6	3	6	3	5	122		2,500
Spearhead.....		6	X	X	15	6	6	3	6	69		3,500
Verulam.....		6	X	X	5	11	2		12	82		1,300
Yankton.....		6	X	X								
TENNESSEE.												
Marquette.....		10	X	X	3	3	3	8	29	36	8	1,039
Johnson City.....		6	X	X	13	15	5	2	10	59	135	7,500
Knoxville.....		6	X	X	7	7	7	4	30	110	12	1,000
Do.....		6	X	X	34	24	11	1	60	507	34	1,100
Memphis.....		6	X	X	10	11	20	14	6	100	450	5,000
Nashville.....		6	X	X	11	15	15	14	35	180	13	2,000
Do.....		6	X	X	4	4	1	1	1	1,059	118	24,381
Do.....		6	X	X	15	12	23	1	30	34		4,000
TEXAS.												
Arlene.....		14	X	X	15	10	5	2	100	225		6,500
Austin.....		12	X	X	11	32	4	2	40	386		8,200
Baytown.....		5	X	X	17	12	4			242		4,000
Chilton.....		10	X	X	25	15	5	3	0	640	160	15,000
College Station.....		8	X	X	34	5	5	1	24	116	88	8,000
Comstock.....		10	X	X	16	11	2	1	15	357	62	14,000
Dallas.....		7	X	X	26	3	1		51	179		3,014
Denon.....		12	X	X	20	42	5	2		686	22	19,027
Do.....		10	X	X	36	24	2		501	1,199	30	21,000
Do.....		6	X	X	6	6			64	40		2,500
Do.....		6	X	X	11	6			55	89		5,000
Do.....		11	X	X	7	2			34	72	45	2,000
Do.....		10	X	X	25	12	2		116	448	22	16,000
Do.....		9	X	X	23	9			60	461		21,550
Do.....		9	X	X	24	10	2		94	398	25	17,000

1 The cross denotes yes.

TABLE 9.—Summer schools of colleges, universities, and normal schools reporting sessions in 1918—Continued.

Location.	Summer school.	Control (i. e., col- lege, uni- versity, or normal school).	Weeks in session.	Courses ac- credited for—		Instructors.		Lecturers.		Popular lectures, music recitals, etc.	Students.		Pupils in observa- tion classes.	Esti- mated cost.
				Under- grad- uate degrees.	Grad- uate degrees.	Men.	Wo- men.	Men.	Wo- men.		Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TEXAS—continued.														
Waco.	Baylor University Summer Quarter and Normal.	Univ.	11	X	X	18	2	4	2	14	128	444		\$15,500
Waxahatchie.	Trinity University-Summer School and Normal.	Univ.	6	X		3	3				5	40		700
UTAH.														
Logan.	Agricultural College of Utah.	Col.	12	X		22	8	3		6	31	201		3,000
Salt Lake City.	University of Utah.	Univ.	12	X		25	12			10	106	526	23	12,000
VERMONT.														
Burlington.	University of Vermont.	Univ.	6	X	X	13	6	6	1	15	14	193		3,000
Castleton.	State Normal School.	Nor.	4			2	9			2	147			1,100
Wilmington.	do.	Nor.	4			3	14	3		10	150		27	3,000
Middlebury.	Middlebury College.	Col.	6	X	X	16	8			20	22	211	10	5,000
VIRGINIA.														
Charlottesville.	University of Virginia.	Univ.	6	X	X	83	32	24	6	25	105	828	300	18,500
Dublin.	College of William and Mary.	Col.	8	X	X	13				8	38	12		4,200
East Bedford.	State Normal School for Women.	Nor.	11	X	X	14	26	7	7	20	9	569	150	9,000
Emory.	Emory and Henry College.	Col.	6	X	X	3	3				10			450
Fredericksburg.	State Normal School for Women.	Nor.	6			7	12	3	4	2		183	35	3,857
Hampton.	Hampton Normal and Agricultural Institute (Negro and Indian).	Nor.	4			12	14				66	344		4,516
Harrisonburg.	State Normal and Industrial School.	Nor.	11	X		12	19			50	5	566	105	6,400
Petersburg.	Virginia Normal and Industrial Institute (Negro).	Nor.	6			2	10	2	3	2	10	160	25	1,262
Richmond.	Virginia Union University (Negro).	Univ.	6			7	6	2	2	2	7	112		1,300
WASHINGTON.														
Bellingham.	State Normal School.	Nor.	9			22	34	12		6	45	805		20,000

## 37

<sup>1</sup> The cross denotes Yes.



TABLE 10.—Summer schools of secondary schools and institutions of higher rank but not offering a full collegiate course, not included in Table 9. report-  
ing sessions in 1918.

Location.	Summer school.	Weeks in ses- sion.	Courses ac- credited for—		Instructors.		Lecturers.		Popular lectures, music, recitals, etc.		Students.		Pupils in ob- serva- tion classes.	Esti- mated cost.
			Under- grad- uate degrees.	Grad- uate degrees.	Men.	Wo- men.	Men.	Wo- men.			Men.	Wo- men.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
ALABAMA.														
Fairhope.	Fairhope Summer School.	8			2	3	3	1	7			30	\$1,000	
Anniston.	Oakwood Junior College (Negro).	6			5	3						23		
CALIFORNIA.														
Berkeley.	California School of Arts and Crafts.	6			6	6					11	120	2,250	
Los Angeles.	Krieger Institute of Theosophy.	5			7	10					33	75		
Do.	Los Angeles School of Art and Design.	13			2	1	1				5	20	340	
Do.	University of Southern California College of Fine Arts.	9	X		1						(1)	25		
Riverside.	Riverside Library Service School.	7			3	8	3		2		5	25	1,400	
San Francisco.	California School of Fine Arts.	6			7	1					7	57	1,200	
CONNECTICUT.														
East Canaan.	Clarence H. White School of Photography.	6			2						4	11	350	
New Haven (15 College St.).	University School.	7			2						14			
Norwalk.	The Hartford School.	7			4	1					26	3	2,750	
DELAWARE.														
Dover.	State College for Colored Students.	4			3	3	2					29	450	
DISTRICT OF COLUMBIA.														
Washington.	Emerson Institute.	15			8						94		3,000	
FLORIDA.														
Tallahassee.	Florida Agricultural and Mechanical College for Negroes.	8			5	7	9		3		141	7	2,000	



# SUMMER SCHOOLS IN 1918.

39

ILLINOIS.									
Chicago (200 S. Wabash Ave.)	5	40	50	1	40	690	6,326		
American Conservatory of Music	3	3	1	1	1	1	2,344		
Chicago Academy of Fine Arts	10	5	4	1	13	243	6,540		
Chicago Kindergarten Institute	6	40	7	4	8	15	630		
Chicago Musical College	6	40	64	20	9	1,400	9,000		
Chicago School of Civics and Philanthropy	6	3	3	2	25	3	2,250		
Chicago School of Industrial Art	6	3	7	5	6	3	2,250		
Columbia Normal School of Physical Education	5	8	18	2	5	25	3,688		
Columbia School of Music	5	12	16	2	18	100	82		
Cosmopolitan School of Music and Dramatic Art	5	5	5	1	13	245	125		
Gregg Summer Normal	6	5	5	4	1	3	3,500		
National Institute of Secretaries	13	1	2	1	10	4	590		
Sherwood Music School	11	4	10	1	12	5	1,000		
University High School (University of Chicago)	11	1	5	1	25	27	1,491		
American Institute of Normal Methods	6	10	1	8	13	337	45		
National Summer School of Music	4	5	4	2	11	2	5,000		
Glen City Business College	13	9	14	11	73	308	12		
12,000									
INDIANA.									
Culver	12	95	1	12	16	990	200		
John Herron Art Institute	12	1	1	3	1	35	300		
Summer School for Librarians	6	1	3	4	8	191	36		
Manchester College	16	9	4	1	38	60	3,500		
St. Mary-of-the-Woods College	5	1	20	2	840	2,000			
IOWA.									
Palmer Method Summer School	6	2	3	3	4	86	1,300		
Mount St. Mary Normal Training School	6	5	5	5	59	900	2,800		
St. Joseph's Academy	10	2	6	6	73				
LOUISIANA.									
Southwestern Louisiana Industrial Institute	9	11	6	32	280	4,500			
Louisiana Industrial Institute	8	20	23	14	6	98	12,000		
Southern University and Agricultural and Mechanical College (Negro)	6	11	10	10	1	17	3,275		
Centenary College	9	4	2	15	40	50	2,000		
MAINE.									
Commonwealth School of Art and Industry	6	7	2	1	12	70			
Boothbay Harbor Summer School of Modeling	4	1	1	1	2				

TABLE 10.—Summer schools of secondary schools and institutions of higher rank but not offering a full collegiate course, not included in Table 9, reporting sessions in 1918—Continued.

Location.	Summer school.	Weeks in session.	Courses accredited for—		Instructors.		Lecturers.		Popular lectures, musicals, etc.	Students.		Tupils in observation classes.	Estimated cost.
			Under-graduate degrees.	Graduate degrees.	Men.	Women.	Men.	Women.		Men.	Women.		
MASSACHUSETTS.													
Andover.	Peabody Conservatory of Music.	6	X		8	4			10	17	101		\$4,000
Princeton.	Princess Anne Academy (Negro).	6			6	4	2		5	10	20		
MASSACHUSETTS.													
Andover.	Phillips Academy.	6			3	6	1	1	10	200	104	6	21,000
Andover.	American Institute of Normal Methods.	4			1	1	2	2	2	3	22	6	3,000
Andover.	American College of Oratory.	4			1	1	2	2	8	22	25	25	2,000
Andover.	(Miss) Farnes School of Cookery.	6			4	7	4			15	60		3,000
Boston (208 Pierce Building).	School of Expressing School of Art.	10			3	3	1			1	68		6,500
Boston.	Massachusetts School of Art.	6			3	1	1		2	9	70	120	1,500
Boston.	Institute of Music Pedagogy.	2			12	4	8			30	20		1,000
Oak Bluffs.	Treat School.	11			2	2	8		17	4	30		200
Provincetown.	Cape Cod School of Art.	8			1	1	4			5	30		1,000
Springfield.	Summer School of Drawing and Painting.	17			1	1	4			1	8		1,125
Springfield.	Bay Path Institute.	4			2	3	3			13	299		5,000
Worcester.	Warren Academy Free Industrial School.	6			17	3				102	39		2,800
Worcester.	Boys' Trade School.	6											1,000
Worcester.	Girls' Trade School.	6											2,800
MICHIGAN.													
Big Rapids.	Ferris Institute.	12			16	9	13		2	70	480	75	5,000
Detroit.	Detroit Technical Institute (Y. M. C. A.).	8			12	5				80	12	15	3,607
Grand Rapids.	Grand Rapids Kindergarten Training School.	6	X		1				5	12	22		800
Saginaw.	Summer School of Painting.	8											
MINNESOTA.													
Crookston.	State Teachers' Training School (Northwest School of Agriculture).	6			4	6	4	4	21	4	104	15	2,400
Faribault.	Shattuck School.	6			13	3				24	70		150
Minneapolis.	Humboldt College.	12			3	3				4	2		1,000
Do.	Minnesota School of Art.	6			1	1				1	2		1,000
Do.	Minnesota College.	8			4					27	132		1,500

## SUMMER SCHOOLS IN 1918.

[illegible]

TABLE 10.—Summer schools of secondary schools and institutions of higher rank but not offering a full collegiate course, not included in Table 9, reporting sessions in 1918—Continued.

Location.	Summer school.	Weeks in session.	Courses accredited: for—		Instructors.		Lecturers.		Popular lectures, music, recitals, etc.	Students.		Pupils in observation classes.	Estimated cost.
			Under-graduate degrees.	Graduate degrees.	Men.	Women.	Men.	Women.		Men.	Women.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
PENNSYLVANIA.													
Port Washington.	Derby School of Painting.	7			1						3	16	850
Lebanon.	Franklin and Marshall Academy.	6			3						25		800
Muncy.	Lycoming County Normal.	20			4		4				18	122	1,000
Philadelphia.	Brown Preparatory School.	11			7	2	1				70	11	2,500
Do.	Nett College.	4			1						14	7	500
Do.	Petrie School.	6			12	5	1				62	272	10,000
Do.	Pennsylvania Museum School of Industrial Art.	4			2	2	1				3	92	575
Pittsburgh (Mount Oliver).	Byron W. King's School of Oratory.	4			4	8	4				55	112	1,500
Swarthmore.	Swarthmore Preparatory School.	10			3	3					18		2,200
TENNESSEE.													
Cookeville.	Tennessee Polytechnic Institute.	6			12	5	2				41	135	4,000
Quebec.	Webb Summer School.	9			1		1				13		750
TEXAS.													
Arlington.	Gribbs Vocational College (Agricultural and Mechanical College).	7			5	1	2				1	9	250
Camden.	Camden College.	6			1	1					9	12	450
San Antonio.	Our Lady of the Lake College.	6	X		6	18	4				1	400	
Stephenville.	John Tarleton Agricultural College.	7			7	3	2				20	92	2,000
UTAH.													
Provo.	Church Teachers' College (Brigham Young University).	12	X		13	4	2				31	195	5,300
VIRGINIA.													
Cumtaria.	Christiansburg Industrial Institute.	4			3	3	3				5	50	604
Lawrenceville.	St. Paul Normal and Industrial School (Negro).	5			5	3	2				6	3	918
Manassas.	Manassas Industrial School for Colored Youth.	5			5	0					4	5	957
WEST VIRGINIA.													
Salem.	Salem College.	8	X		3	4	1	1			3	15	1,000

The cross denotes yes.